



Robert Greene Sterne Edward J. Kessler Robert C. Millonia Lawrence B. Bugaisky Donald J. Featherston Michael V. Messinger

Judith U. Kim Timothy J. Shea, Jr. Patrick E. Garrett Heidi L. Kraus Edward W. Yee Molly A. McCall Teresa U. Medler Jeffrey S. Weaver Kendrick P. Patterson Vincent L. Capuano Eldora Ellison Floyd Thomas C. Fiala Brian J. Del Buono Virgil Lee Beaston Kimberly N. Reddick

Elizabeth J. Haanes Bruce E. Chalker Joseph S. Ostroff Frank R. Cottingham Christine M. Lhulier Rae Lynn Prengaman Jane Shershenovich* Lawrence J. Carroli* George S. Bardmesser Daniel A. Klein* Jason D. Eisenberg Tracy L. Muller*
Jon E. Wright*
LuAnne M. Yuricek* John J. Figueroa

Ann E. Summerfield Tiera S. Coston* Aric W. Ledford* Registered Patent Agents •

Nancy J. Leith Helene C. Carlson Gaby L. Longsworth Matthew J. Dowd Aaron L. Schwartz Mary B. Tung Katrina Y. Pei Quach Bryan L. Skelton Robert A. Schwartz Timothy A. Doyle Jennifer R. Mahalingappa Teresa A. Colella Jeffrey S. Lundgren Victoria S. Rutherfo Eric D. Hayes

<u>Of Counsel</u> Kenneth C. Bass III Evan R. Smith

*Admitted only in Maryland *Admitted only in Virginia •Practice Limited to Federal Agencies

January 23, 2004

WRITER'S DIRECT NUMBER: (202) 772-8525 **INTERNET ADDRESS:** BRIAND@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Art Unit 1652

Re:

U.S. Divisional Utility Patent Application

Appl. No. 09/839,946; Filed: April 19, 2001

PEG-Urate Oxidase Conjugates and Use Thereof

Inventors:

Williams et al.

Our Ref:

2057.0090003/JAG/BJD

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. SKGF Cover Letter;
- Credit Card Payment Form (PTO-2038) in the amount of \$180.00 to cover the 2. appropriate fees:
- PTO Fee Transmittal (PTO/SB/17); 3.
- 4. Fifth Supplemental Information Disclosure Statement;
- 5. One page of Form PTO-1449 citing two documents;
- 6. A copy of the each of the cited documents (AS20 and AT20); and
- 7. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

Commissioner for Patents January 23, 2004 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Brian J. Del Buono Attorney for Applicants Registration No. 42,473

BJD/nef Enclosures

::ODMA\MHODMA\SKGF_DC1;222425;1 SKGF Rev. 2/15/02 dcw; 4/18/03 svb

Sterne, Kessler, Goldstein & Fox P.L.L.c.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no person

| FEE | TRANSMITTAL |
|-----|--------------------|
| | for FY 2004 |

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 180.00

| is are required to respond to a c | ollection of information unless it dis | plays a valin LIMB control number. | | | | |
|-----------------------------------|--|------------------------------------|--|--|--|--|
| | Complete if Known | OIPE | | | | |
| Application Number | 09/839,946 | 4 | | | | |
| Filing Date | April 19, 2001 | JAN 2 3 2004 | | | | |
| First Named Inventor | WILLIAMS | 2 2004 | | | | |
| Examiner Name | Saidha, T. | | | | | |
| Art Unit | 1652 | RADEMARK | | | | |
| Attorney Docket No. | 2057.0090003/JA | 2057.0090003/JAG/BJD | | | | |

| Charge fee(s) indicated below | (7) | Attorney Docket No. 2057.0090003/JAG/BJD | | | | | | |
|--|---|--|----------|---------|----------|--|------------------------------------|---------------------------------|
| Check Val Credit card Money Order Val Other | METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | | |
| Deposit Account Number 19-0036 Deposit Num | Check X Credit card Money Order X Other** None | 3. AE | DITION | AL FE | ES | | | |
| Deposit Account Number 19-0036 2005 20 | ** Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036. | Large | Entity | Sm | all Ent | ity | | |
| Charge fee(s) indicated below Credit any over payments 1502 50 252 25 Surcharge-late provisional filing fee or cover application 1502 1503 1300 1503 1300 1503 1300 1503 1300 1503 1300 1503 1300 1503 1300 1503 1300 1503 1300 1503 1300 1503 1300 1300 1303 1300 | Deposit Account Deposit Account Number 19-0036 | Fee Code | | | 1 | Fee Description | | Fee Paid |
| Charge fe(s) indicated below Credit any over payments Charge fe(s) indicated below, except for the filing fee to the above-identified deposit account. | Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C. | 1051 | 130 | 2051 | 65 | Surcharge - late filing for | ee or oath | |
| Charge my additional fee(s) during the pendency of this application 1812 2,520 1812 2,520 For filing a request for expartor reexamination 1818 181 | The Commissioner is authorized to: (check all that apply) | 1502 | 50 | 2052 | 25 | Surcharge-late provision sheet | onal filing fee or cover | |
| Supplication | ☐ Charge fee(s) indicated below ☐ Credit any over payments | 1053 | 130 | 1053 | 130 | Non-English specificati | on ·· | · . · . · . · . · . · . · . · . |
| Supervisional filing fee to the above-identified deposit account. 1804 920 1804 920 1804 920 1805 1804 920 1805 1804 920 1805 1804 920 1805 1804 920 1805 18 | Charge any additional fee(s) during the pendency of this | 1812 | 2,520 | 1812 | 2,520 | For filing a request for | ex parte reexamination | |
| 1251 110 251 55 Extension for reply within first month | | | | | | action | · | |
| 1252 420 2252 210 Extension for reply within second month | • | 1 1003 | 1,040 | 1003 | 1,040 | action | of Silvaster Examiner | n in decomposition of |
| 1. BASIC FILING FEE | | 1251 | 110 | 2251 | 55 | Extension for reply with | nin first month | |
| 1. BASIC FILING FEE | · · | 1252 | 420 | 2252 | 210 | Extension for reply with | nin second month | <u> </u> |
| Large Entity Small Entity Fee | FEE CALCULATION | 1253 | 950 | 2253 | 475 | Extension for reply with | nin third month | |
| Fee Fee | 1. BASIC FILING FEE | 1254 | 1,480 | 2254 | 740 | Extension for reply with | nin fourth month | |
| 1402 330 2402 165 Filing a brief in support of an appeal 1402 330 2402 165 Filing a brief in support of an appeal 1403 340 2402 165 1403 2403 145 1403 1 | Large Entity Small Entity | 1255 | 2,010 | 2255 | 1,005 | Extension for reply with | nin fifth month | |
| 1001 770 2001 385 | | 1401 | 330 | 2401 | 165 | Notice of Appeal | | |
| 1002 340 2002 170 Design filing fee 1403 290 2403 145 Request for oral hearing | | 1402 | 330 | 2402 | 165 | Filing a brief in support | of an appeal | ting the first |
| 1003 530 2003 265 Plant filing fee 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1600 16 | | 1403 | 290 | 2403 | 145 | Request for oral hearing | 9 | , |
| 1004 770 2004 385 Reissue filing fee 1452 110 2452 55 Petition to revive - unavoidable 1105 160 2005 80 Provisional filing fee 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 1, | 1003 530 2003 265 Plant filing fee | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a pu | ublic use proceeding | |
| SUBTOTAL (1) (\$) 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2501 665 Utility issue fee (or reissue) 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 640 130 Petitions to the Commissioner 1604 130 1460 130 Petitions to the Commissioner 1604 130 1460 130 Petitions to the Commissioner 1606 180 1806 180 Submission of Information Disclosure Stmt 1606 180 1806 180 Submission of Information Disclosure Stmt 1606 180 1806 180 Submission of Information Disclosure Stmt 1606 180 180 1806 180 Submission of Information Disclosure Stmt 1606 180 180 1806 180 Submission of Information Disclosure Stmt 1606 180 180 1806 180 Submission of Information Disclosure Stmt 1606 180 180 1806 180 Submission of Information Disclosure Stmt 1606 180 180 1806 180 Submission of Information Disclosure Stmt 1606 180 180 1806 180 Submission of Information Disclosure Stmt 1606 180 180 1806 180 Submission of Information Disclosure Stmt 1606 180 180 180 180 180 180 180 180 180 180 | 1004 770 2004 385 Reissue filing fee | 1452 | 110 | 2452 | 55 | Petition to revive - una | voidable | |
| SUBTOTAL (1) (\$) | 1105 160 2005 80 Provisional filing fee | 1453 | 1,330 | 2453 | 665 | Petition to revive - unin | itentional | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | SUBTOTAL (1) (\$) | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reis | sue) | |
| Extra below Fee Paid 1503 640 2503 320 Plant issue fee | 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1502 | 480 | 2502 | 240 | Design issue fee | | |
| Indep Claims | | 1503 | 640 | 2503 | 320 | Plant issue fee | | |
| Multiple Dependent | | 1460 | 130 | 1460 | 130 | Petitions to the Commi | ssioner | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe | Multiple Dependent | 1807 | 50 | 1807 | 50 | Processing fee under 3 | 37 CFR 1.17(q) | |
| Fee Code (\$) Code (\$) Code (\$) Recording each patent assignment per property (times number of properties) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design and over original patent SUBTOTAL (2) (\$) **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180.00 **Registration No. (Attorney/Agent) **Registration No. (Attorney/Agent) **January 23, 2004 | Large Entity Small Entity | 1806 | 180 | 1806 | 180 | Submission of Informat | tion Disclosure Stmt | |
| 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims in excess of 3 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent **Or number previously paid, if greater; For Reissue, see above SUBMITTED BY Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Application (37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) * Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180.00 * Complete (if applicable) * Telephone 202-371-2600 | Fee Fee Fee <u>Fee Description</u> | 8021 | 40 | 8021 | 40 | Recording each patent property (times number | assignment per r of properties) | |
| 1203 290 2203 145 Multiple dependent claims if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent **or number previously paid, if greater; For Reissue, see above SUBMITTED BY Name (Print/Type) Brian J. Del Buono 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application 1802 900 1802 900 Request for expedited examination of a design application 1803 900 1802 900 Request for expedited examination of a design application 1804 900 1802 900 Request for expedited examination of a design application 2005 Request for expedited examination (RCE) *Reduced by Basic Filing Fee Paid *Reduced by Basic Filing Fee Paid **Complete (if applicable) **Complete (if applicable) **Date January 23, 2004 | | 1809 | 770 | 2809 | 385 | | er final rejection (37 CFR | 1 ' ' 11 |
| 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) | | 1810 | 770 | 2810 | 385 | For each additional inv | ention to be examined | |
| 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) **or number previously paid, if greater; For Reissue, see above SUBMITTED BY Reduced by Basic Filing Fee Paid Complete (if applicable) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Signature 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)180.00 *Application Other fee (specify) *Reduced by Basic Filing Fee Paid **Ormplete (if applicable) **Ormplete (if applicable) Date January 23, 2004 | 1204 86 2204 43 **Reissue independent claims | 1801 | | | | (37 CFR 1.129(b)) | | |
| and over original patent SUBTOTAL (2) (\$) **or number previously paid, if greater; For Reissue, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)180.00 SUBMITTED BY Registration No. (Attorney/Agent) Signature Application Other fee (specify) | | 1802 | 900 | 1802 | 900 | Request for expedited | examination of a design | |
| **or number previously paid, if greater; For Reissue, see above *Reduced by Basic Filing Fee Paid *Reduced by Basic Filing Fee Paid *SUBTOTAL (3) (\$) 180.00 *SUBMITTED BY *Registration No. (Attorney/Agent) *Signature *Date *January 23, 2004 | | 1.502 | 300 | | 300 | application | charmicalori or a design | |
| SUBMITTED BY Registration No. (Attorney/Agent) Signature Complete (if applicable) Local Agentary 23, 2004 | | Other | fee (spe | cify) _ | | | • . | |
| Name (Print/Type) Brian J. Del Buono Registration No. (Attorney/Agent) 42,473 Telephone 202-371-2600 Signature Date January 23, 2004 | **or number previously paid, if greater; For Reissue, see above | * Red | uced by | Basic | Filing F | ee Paid | SUBTOTAL (3) (\$) | 180.00 |
| Signature Continuo (Printo Type) Brian 3. Der Budito (Attorney/Agent) 42,473 Telepriorie 202-37-2000 | SUBMITTED BY | | | | | | Complete (if applicable) | • • • |
| | Name (Print/Type) Brian J. Del Buono | | | | | 42,473 | Telephone 202-371 | -2600 |
| WARNING: Information on this form may become public Credit card information should not | | | \geq | | | | Date January 23 | , 2004 |

JAN 2 3 2004 W

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

WILLIAMS et al.

Appl. No. 09/839,946

Filed: April 19, 2001

For:

PEG-Urate Oxidase Conjugates

and Use Thereof

Confirmation No. 5256

Art Unit: 1652

Examiner: Saidha, T.

Atty. Docket: 2057.0090003/JAG/BJD

Fifth Supplemental Information Disclosure Statement and Fee Under 37 C.F.R. § 1.97(c)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Fifth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Fourth Supplemental Information Disclosure Statement filed on December 16, 2003, in connection with the above-captioned application. A copy of each document is also provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not

be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Fifth Supplemental Information Disclosure Statement is being filed before the mailing of a final action on the merits or a Notice of Allowance, but after the mailing of a first action on the merits, in the captioned application. In accordance with 37 C.F.R. § 1.97(c), fee payment under 37 C.F.R. § 1.17(p) is provided herewith.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Brian J. Del Buono Attorney for Applicants Registration No. 42,473

Date: Jan. 23, 2004

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

::ODMA\MHODMA\SKGF_DC1;221968;1 SKGF Rev. 8/28/02 mac JAN 2 3 2004 u

4 n v in

FORM PTO-1449

FIFTH SUPPLEMENTAL ONFORMATION DISCLOSURE STATEMENT

| | | _ |
|--|----------------------------|---|
| ATTY. DOCKET NO. 2057.0090003/JAG/BJD | APPLICATION NO. 09/839,946 | |
| APPLICANT Williams et al. | | |
| FILING DATE | GROUP | |

| 40EMARK | April 19, 2001 | | | | | | 1652 | | | |
|--|----------------|--------------|--|------------|----------------|-----------|---|-------------|--|--|
| U.S. PATENT DOCUMENTS | | | | | | | | | | |
| EXAMINER INITIAL | | DOC | UMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE | | |
| | AA | | | | | | | | | |
| | AB | | | | | | | | | |
| | AC | ļ | | | | | | | | |
| | AD | | | | | | ļ | | | |
| | AE | 4 | | | | | | | | |
| | AF | + | | | | | ļ | | | |
| | AG | | | | | ļ | <u> </u> | | | |
| | AH | + | | | | | | | | |
| | AI | - | | | | | 1 | | | |
| | AJ | - | | | | | | | | |
| | AK | | | | | <u> </u> | <u>. </u> | | | |
| | | Τ | | FOREIGN PA | TENT DOCUMENTS | <u> </u> | 1 | T | | |
| EXAMINER INITIAL | | DOCI | UMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION | | |
| | AL | | | | | | | Yes No | | |
| | AM | | | | | | | Yes No | | |
| | AN | ļ | | | | | <u> </u> | Yes No | | |
| | AO | | | | | | | Yes No | | |
| | AP | | | | | | | Yes No | | |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | | | |
| | AR | 20 | | | | | | | | |
| | AS | <u>20</u> | Copy of commonly owned, co-pending U.S. Appl. No. 09/501,730, filed February 10, 2000 (unpublished). | | | | | | | |
| | AT | <u>20</u> | "EC 1.7.3.3, urate oxidase," BRENDA Enzyme Database, available via internet at http://www.brenda.uni-koeln.de/ (cited by USPTO Examiner in related U.S. Appl. No. 09/501,730, filed February 10, 2000 (Doc. No. AS20), in Notice of Allowance dated January 13, 2004). | | | | | | | |
| EXAMINER | | | | | | DATE CONS | DERED | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.